

TITLE  
JOURNAL  
COMMENT

The WashU-Merck EST Project  
Unpublished (1995)  
Contact: Wilson RK  
Washington University School of Medicine  
444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
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Email: est@watson.wustl.edu  
Insert Size: 516  
High quality sequence stops: 307  
Source: IMAGE Consortium, LLNL  
This clone is available royalty-free through LLNL; contact the  
IMAGE Consortium (info@image.llnl.gov) for further information.  
Insert Length: 516 Std Error: 0.00  
Seq primer: M13RPI  
High quality sequence stop: 307.

FEATURES  
source

1. .403  
Location/Qualifiers  
/organism="Homo sapiens"  
/db\_xref="CD8:572980"  
/db\_xref="taxon:9606"  
/clone\_lib="Soares breast 2NBHst"  
/sex="Female"  
/dev\_stage="adult"  
/lab\_host="DH10B (ampicillin resistant)"  
/note="Organ: breast; Vector: pT7T3D (Pharmacia) with a  
modified polylinker; Site\_1: Not I; Site\_2: Eco RI; 1st  
strand cDNA was primed with a Not I - oligo(dT) primer [5'  
TGTTACCAATCTGAAGTGGGCGGCCCTTTTTTTTTTTT 3'],  
double-stranded cDNA was ligated to Eco RI adaptors  
(Pharmacia), digested with Not I and cloned into the Not I  
and Eco RI sites of a modified pT7T3 vector (Pharmacia).  
Library went through one round of normalization to a Cot -  
230. Library constructed by Bento Soares and M.Fatima  
Bonaldo."

BASE COUNT 82 a 113 c 89 g 116 t 3 others  
ORIGIN

Alignment Scores:

Pred. No.: 4.59e-66 Length: 403  
Score: 78.00 Matches: 78  
Percent Similarity: 100.00% Conservative: 0  
Best Local Similarity: 100.00% Mismatches: 0  
Query Match: 86.67% Indels: 0  
Db: 14 Gaps: 0

US-08-962-094-16 (1-90) x R75793 (1-403)

QY	9	LeuLeuGlyValSerIlePheLeuValSerAlaGlnAsnProThrAlaAlaProAla	28
Db	65	CTCTGGGAGTTTCCATCTTCTGGTCTCTGCCAGATCCGACACAGCTGCTCCAGCT	124
QY	29	AspThrTyrProAlaThrGlyProAlaAspAspGluAlaProAspAlaGluThrAla	48
Db	125	GACAGCTATCCAGCTACTGCTCTGATGATGAAGCCCTGATGCTGAACACCACTGCT	184
QY	49	AlaAlaThrThrAlaThrAlaAlaProThrThrAlaThrAlaAlaSerThrThr	68
Db	185	GCTGCAACCCACCTGGCAGCCACTGCTGCTCTACCATGCAACACCGCTGCTTACCACT	244
QY	69	AlaArgLysAspIleProValLeuProLysTyrValGlyAspLeuProAsnGly	86
Db	245	GCTCGTAAAGACATCCAGTTTTTACCAAAATGGTTGGGGATCTCCCGAATGGG	298

RESULT 7

R75793 403 bp mRNA linear EST 06-JUN-1995  
LOCUS  
DEFINITION Y121f09.t1 Soares breast 2NBHst Homo sapiens cDNA clone  
IMAGE:158921 5' similar to contains LTR3 repetitive element ;, mRNA  
sequence.  
ACCESSION R75793  
VERSION R75793.1 GI:850475  
KEYWORDS EST.  
SOURCE human.  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
1 (bases 1 to 403)  
REFERENCE Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman  
M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J.,  
Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston  
R., Williamson, A., Wohldmann, P. and Wilson, R.